

**PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT EXAMINING OPERATION

Applicants: Michael A. DellaVecchia, et al.	
Serial No: 10/696,653	Group Art Unit: 3762
Filed: October 29, 2003	Examiner: George C. Manuel
Att. Docket No.: P1145/20006	Confirmation No.: 7753
For: OPTIMIZING THE PROPERTIES OF ELECTROMAGNETIC ENERGY IN A MEDIUM USING STOCHASTIC PARALLEL PERTURBATION GRADIENT DESCENT OPTIMIZATION ADAPTIVE OPTICS	

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated November 2, 2006, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.